

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (currently amended): A multi-layer display (1) for  
2 displaying overlapping images comprising:

- 3 • a light source (2);<sub>IT</sub>
- 4 • a first translucent image screen (3), whereby the  
5 first image screen (3) overlaps with and is  
6 placed substantially parallel with the light  
7 source (2), arranged for displaying a first  
8 image (8), having a first appearance, e.g., at  
9 least one of a ~~color~~color, grey tone and a  
10 pattern, and wherein the first screen (3) is  
11 capable of displaying the first images (8) in one  
12 of a transparent state, a normal appearance state  
13 and an occluded state;<sub>IT</sub>
- 14 • a second translucent image screen (4), whereby  
15 the second image screen (4) is placed spatially  
16 separated along a viewing axis (14) perpendicular  
17 to the light source and placed substantially  
18 parallel to and overlapping with the first image  
19 screen (3), arranged for displaying a second  
20 image (9), having a second appearance, e.g., at  
21 least one of a ~~color~~color, grey tone and a  
22 pattern, wherein the second screen (4) is capable  
23 of displaying the second image (9) in one of a  
24 transparent state, a normal appearance state and  
25 an occluded state;<sub>IT</sub>

26 characterised in that  
27 the first image screen (3) is controllable to  
28 alternate at least part of the first image (8)  
29 between transparent state and a normal appearance  
30 state and the second image screen (4) is  
31 controllable to synchronously with the first image  
32 screen (3) alternate at least part of the second  
33 image (8) between an occluded state and a normal  
34 appearance state and wherein the normal appearance  
35 state of the first image (8) occurs simultaneously  
36 with the occluded state of the second image (9)  
37 and the transparent state of the first image (8)  
38 occurs simultaneously with the normal appearance  
39 state of the second image (9).

1 Claim 2 (original): The multi-layer display (1) according to  
2 claim 1, wherein the first image screen (3) is controllable,  
3 while displaying the first image in the normal appearance  
4 state, to occlude at least part of the first image  
5 screen (3), the at least part of the first image screen (3)  
6 not belonging to the first image (8) in the normal  
7 appearance state.

1 Claim 3 (currently amended): The multi-layer display (1)  
2 according to claim 1-~~or~~ 2, wherein the second image  
3 screen (4) is controllable, while displaying the second  
4 image in the normal appearance state, to occlude at least  
5 part of the second image screen (4), the at least part of  
6 the second image screen (4) not belonging to the second  
7 image (9) in the normal appearance state.

1 Claim 4 (original): The multi-layer display (1) according to  
2 claim 1, wherein the first and second image screen (4) are  
3 arranged to synchronously with the first image screen (3)  
4 alternate only the overlapping part (10) of the first and  
5 second images (8, 9), as viewed from the viewpoint (13) to  
6 the light source (2).

1 Claim 5 (currently amended): The multi-layer display (1)  
2 according to ~~any of the preceding claims~~claim 1, further  
3 comprising an at least one intermediate image screen (15),  
4 placed between the first and the second image screens (3,  
5 4), wherein the at least one intermediate image screen (15)  
6 is controllable for displaying a third image (16), which  
7 overlaps at least in part with the first image (8) on the  
8 first image screen (3), and which is overlapped by at least  
9 in part by the image on the second image screen (4).

1 Claim 6 (currently amended): The multi-layer display (1)  
2 according to claim 5, wherein the third image (16) is  
3 displayable in an occluded state simultaneously with the  
4 first image (8) in a normal appearance state and the second  
5 image (8) in an occluded state, and wherein the third  
6 image (16) is displayable in a normal appearance state  
7 simultaneously with the first image (8) in a transparent  
8 state and the second image (8) in an occluded state, and  
9 wherein the third image (16) is displayable in a transparent  
10 state simultaneously with the first image (8) in a  
11 transparent state and the second image (8) in a normal  
12 appearance state and wherein the simultaneous states of the  
13 first, second and third images (8, 9, 16) are alterable  
14 synchronously.

1 Claim 7 (currently amended): A method for displaying  
2 ~~coloured~~colored images on a multi-layer display (1),

- 3 • the multi-layer display (1) having a light  
4 source (2), a first translucent image screen (3),  
5 whereby the first image screen (3) overlaps with  
6 and is placed substantially parallel with the  
7 light source (2), arranged for displaying a first  
8 image (8), having a first appearance, e.g., at  
9 least one of a ~~colour~~color, grey tone and a  
10 pattern, and wherein the first screen (3) is  
11 capable of displaying the first images (8) in one  
12 of a transparent state, a normal appearance state  
13 and an occluded state, and a second translucent  
14 image screen (4), whereby the second image  
15 screen (4) is placed spatially separated along a  
16 viewing axis (14) perpendicular to the light  
17 source and placed substantially parallel to and  
18 overlapping with the first image screen (3),  
19 arranged for displaying a second image (9),  
20 having a second appearance, e.g., at least one of  
21 a ~~colour~~color, grey tone and a pattern, wherein  
22 the second screen (4) is capable of displaying  
23 the second image (9) in one of a transparent  
24 state, a normal appearance state and an occluded  
25 state,

26 the method comprising:

27 alternating at least part of the first image (8)  
28 between a transparent state and a normal  
29 appearance state and synchronously alternating at  
30 least part of the second image (8) between an  
31 occluded state and a normal appearance state and  
32 wherein the normal appearance state of the first

33 image (8) occurs simultaneously with the occluded  
34 state of the second image (9) and the transparent  
35 state of the first image (8) occurs simultaneously  
36 with the normal appearance state of the second  
37 image (9).

1 Claim 8 (currently amended): The method according claim 7,  
2 further comprising:

- 3 • occluding at least part of the first image  
4 screen (3) not belonging to the first image (8),  
5 when the first image (8) is displayed in the  
6 normal appearance state.

1 Claim 9 (currently amended): The method according claim 7-~~or~~  
2 &, further comprising:

- 3 • occluding at least part of the second image  
4 screen (4) not belonging to the second image (9),  
5 when the second image (9) is displayed in the  
6 normal appearance state.

1 Claim 10 (original): The method according to claim 7,  
2 further comprising

- 3 • synchronously alternating in the first and second  
4 image screen (4) only the overlapping part of the  
5 first and second images (8, 9), as viewable from  
6 the viewpoint (13).

1 Claim 11 (currently amended): The method according to ~~any of~~  
2 ~~the preceding claims 7-10~~ claim 7, further comprising:

- 3 • displaying a third image (16) on an at least one  
4 intermediate image screen (15), placed between  
5 the first and the second image screens (3, 4),

6           whereby the third image (16) overlaps at least in  
7           part with the first image (8) on the first image  
8           screen (3), and which is overlapped by at least  
9           in part by the image (9) on the second image  
10          screen (4).

1          Claim 12 (currently amended): The method according to  
2          claim 11, further comprising:

- 3           •     displaying the third image (16) in an occluded  
4           state simultaneously with the first image (8) in  
5           a normal appearance state and the second  
6           image (8) in an occluded state,
- 7           •     displaying the third image (16) in a normal  
8           appearance state simultaneously with the first  
9           image (8) in a transparent state and the second  
10          image (8) in an occluded state,
- 11          •     displaying the third image (16) in a transparent  
12          state simultaneously with the first image (8) in  
13          a transparent state and the second image (8) in a  
14          normal appearance state and wherein the  
15          simultaneous states of the first, second and  
16          third images (8, 9, 16) are alterable  
17          synchronously.